Insert the attached Sequence Listing for that which was filed on August 1, 2000, and

renumber subsequent pages accordingly.

## IN THE CLAIMS:

Amend the claims as follows.

12. (Twice Amended) A variant according to claim 1 or 2 or 3 wherein said mutation results in at least one amino acid substitution selected from Ile509Val, Phe512Leu, Val519Leu, Pro523Leu, Leu526Met, Ile533Leu, Met550Val/Ile, Ser559Thr, Arg/Trp499Glu, Thr530Ser.

21. (Twice Amended) A method according to claim 19 or 20 wherein the assay detects a mutation which results in at least one amino acid substitution selected from the group consisting of Ile509Val, Phe512Leu, Val519Leu, Leu526[met]Met, Ile533Leu, Met550Val/Ile, Ser559Thr, Arg/Trp499Glu, Thr530Ser.

Add the following claim.

--23. A variant of an isolated DNA virus which replicates *via* an RNA intermediate wherein said variant comprises a nucleotide mutation in an overlapping portion of at least two open reading frames resulting in an amino acid addition, substitution or deletion to translation products of said two open reading frames, said open reading frames being sequences encoding DNA polymerase and the surface component of said DNA virus.--

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